Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140093.D
Acq On : 28 Oct 2024 18:03
Operator : RC/JU
Sample : P4545-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 28 18:37:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	111820	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	432287	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	236921	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	398949	20.000	ng	0.00
76) Chrysene-d12	14.051	240	204155	20.000	ng	0.00
86) Perylene-d12	15.527	264	256308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	974076	136.371	ng	0.02
7) Phenol-d6	6.516	99	1219104	131.779	ng	0.00
23) Nitrobenzene-d5	7.451	82	820015	105.134	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	358251	161.659	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1443612	100.702	ng	0.00
79) Terphenyl-d14	12.998	244	1318745	105.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	128884	38.700	ng	# 81
3) Pyridine	3.587	79	206806	25.053	ng	98
4) n-Nitrosodimethylamine	3.516	42	189912	42.820	ng	# 98
6) Aniline	6.551	93	182449	21.161	ng	99
8) 2-Chlorophenol	6.675	128	372961	51.076	ng	97
9) Benzaldehyde	6.439	77	44949	8.637	ng	95
10) Phenol	6.528	94	448413m	47.016	ng	
11) bis(2-Chloroethyl)ether	6.628	93	356154	48.313	ng	99
12) 1,3-Dichlorobenzene	6.834	146	359207	42.853	ng	99
13) 1,4-Dichlorobenzene	6.904	146	367348	43.866	ng	99
14) 1,2-Dichlorobenzene	7.057	146	355848	45.529	ng	99
15) Benzyl Alcohol	7.028	79	349195	51.458	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	577398	45.935	ng	96
17) 2-Methylphenol	7.134	107	313004	50.269	ng	99
18) Hexachloroethane	7.404	117	129514	43.369	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	273178	48.688	ng	98
20) 3+4-Methylphenols	7.286	107	394617	49.549	ng	92
22) Acetophenone	7.298	105	510185	48.185	ng	97
24) Nitrobenzene	7.469	77	405962	47.472	ng	100
25) Isophorone	7.710	82	761382	51.431	ng	99
26) 2-Nitrophenol	7.786	139	190721	59.118	ng	96
27) 2,4-Dimethylphenol	7.816	122	316975	58.924	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	451618	50.352	ng	99
29) 2,4-Dichlorophenol	8.022	162	320207	52.260	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	314131	46.333	ng	100
31) Naphthalene	8.192	128	1064132	47.730	ng	100
32) Benzoic acid	7.904	122	123617	26.347	ng	98
33) 4-Chloroaniline	8.233	127	150937	19.854	ng	99
34) Hexachlorobutadiene	8.310	225	196299	46.081	ng	99
35) Caprolactam	8.604	113	85333m	43.800	ng	
36) 4-Chloro-3-methylphenol	8.716	107	365021	53.801	ng	98
37) 2-Methylnaphthalene	8.880	142	701854	51.402	ng	99
38) 1-Methylnaphthalene	8.980	142	652303	48.693	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	331879	51.923	ng	99
41) Hexachlorocyclopentadiene	9.033	237	348918	156.886	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	253091	55.928	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	253581	54.313	ng		98
46) 1,1'-Biphenyl	9.345	154	857737	52.006	ng		100
47) 2-Chloronaphthalene	9.375	162	680498	51.228	ng		99
48) 2-Nitroaniline	9.463	65	244814	60.258	ng		99
49) Acenaphthylene	9.786	152	1071538	55.796	ng		99
50) Dimethylphthalate	9.645	163	828465	56.139	ng		100
51) 2,6-Dinitrotoluene	9.710	165	177848	55.660	ng		95
52) Acenaphthene	9.963	154	668819	53.836	ng		99
53) 3-Nitroaniline	9.875	138	128514	39.002	ng		97
54) 2,4-Dinitrophenol	9.980	184	66396	52.460	ng	#	1
55) Dibenzofuran	10.133	168	950618	53.332	ng		99
56) 4-Nitrophenol	10.033	139	257304	101.497	ng		99
57) 2,4-Dinitrotoluene	10.110	165	238589	60.720	ng		99
58) Fluorene	10.475	166	727096	53.557	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	204109	55.766	ng		99
60) Diethylphthalate	10.345	149	792166	54.672	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	374542	54.630	ng		97
62) 4-Nitroaniline	10.492	138	166610	53.537	ng		98
63) Azobenzene	10.627	77	802948	52.271	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	66402	40.805	ng		95
66) n-Nitrosodiphenylamine	10.586	169	673533	56.408	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	231386	56.299	ng		98
68) Hexachlorobenzene	11.022	284	257174	55.638	ng		98
69) Atrazine	11.110	200	211444	65.372	ng		99
70) Pentachlorophenol	11.216	266	237118	84.525	ng		99
71) Phenanthrene	11.439	178	1027335	54.516	ng		100
72) Anthracene	11.492	178	1041878	56.666	ng		100
73) Carbazole	11.639	167	877488	51.316	ng		100
74) Di-n-butylphthalate	11.969	149	1110467	56.209	ng		100
75) Fluoranthene	12.621	202	920478	48.318	ng		100
77) Benzidine	12.745	184	27530	8.201	ng		98
78) Pyrene	12.851	202	902116	50.481	ng		99
80) Butylbenzylphthalate	13.468	149	344594	64.319	ng		100
81) Benzo(a)anthracene	14.039	228	746125	56.143	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	188100	48.544	ng		99
83) Chrysene	14.074	228	707350	58.050	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	458667	76.306	ng		100
85) Di-n-octyl phthalate	14.639	149	799157	73.095	ng		97
87) Indeno(1,2,3-cd)pyrene	17.021	276	748376	45.387	ng		99
88) Benzo(b)fluoranthene	15.092	252	856677	54.869	ng		100
89) Benzo(k)fluoranthene	15.127	252	777981	57.778	ng		99
90) Benzo(a)pyrene	15.468	252	787766	61.319	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	626364	45.536	ng		98
92) Benzo(g,h,i)perylene	17.474	276	506321	36.850	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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